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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Daisuke SHIBA et al.

For: Powder dispersant for hydraulic compositions

Serial No.: 10/829 296

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Art unit: 1713

Examiner: H.L. Pezzuto

Attorney docket: No.:0425-0866FUS2 (Patent)

The Commissioner of Patents

Alexandria VA 22313-1450

Sir:

DECLARATION UNDER 37 CFR 1.132

I, Masafumi SHONAKA, the undersigned, declare that:

I am graduate of Kochi University in the master course of agricultural chemistry.

I have been working for Kao Corporation for 8 years in the research and development of cement dispersant.

I have observed the prosecution of the above identified patent application.

I hereby disclose additional tests. Procedures and results of the tests are below described.

Copolymer including 20mol% of MEPEG(n=120) and 80mole% of MAA were prepared in the same way as Example 3, Invented product 8 of Table 4, except for changing the neutralization, as shown in Table below, with sodium hydroxide.

30g of a 40 % aqueous solution of each copolymer was put and cast evenly in a flat vessel having the inner diameter of

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9 cm. It was dried for 2 hours at 105 °C. It was cooled to a room temperature. The obtained film was evaluated by bending with the following ratings. It was again evaluated at 40 °C.

A: the film was broken by bending.

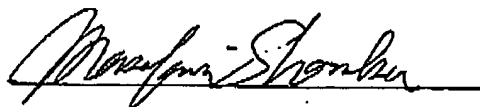
B: the film was not broken by bending.

C: the product was liquid or paste and the bending test could not be conducted.

Neutralization degree	40 degree	Room temperature (25 °C)
5%	C	C
10%	C	B
20%	B	B
35%	B	B-A
50%	A	A
70%	A	A

I hereby declare that all statements made herein of any own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United State Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon,

Dated: September 2, 2005



Masafumi SHONAKA,